

Chen et al.
U.S.S.N. 09/454,316
Page 2

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1-40. (Cancelled).

41. (New) A vapor phase process for producing allyl acetate through oxacylation of propylene, acetic acid and oxygen in the presence of a catalyst with the condition that water is prevented from being added into reactant material for the oxacylation process, wherein the catalyst consists essentially of a porous carrier, 0.1 to 5.0 weight % of palladium metal as a main catalyst, 0 to 1.0 weight % of gold metal, and 0.01 to 5.0 weight % of tin metal as a promoter, based on the weight of said porous carrier, in combination with an alkali metal compound, supported on the outer surface of said porous carrier, wherein the total content of gold metal, and tin metal based on the weight of said porous carrier is in the range of 0.01 to 5.0 weight %.

42. (New) The process according to claim 41, wherein the content of said main catalyst, palladium metal, based on the weight of said porous carrier, is in the range of 0.3 to 1.5 weight %.

43. (New) The process according to claim 41, wherein the content of said promoter, tin metal, based on the weight of said porous carrier, is in the range of 0.02 to 1.0 weight %.

44. (New) The catalyst according to claim 41, wherein the total content of said promoter, tin metal and gold metal, based on the weight of said porous carrier, is in the range of 0.02 to 1.0 % by weight.

45. (New) The process according to claim 41, wherein the content of said alkali compound, based on the weight of said porous carrier, is in the range of 1 to 15 weight %.

Chen et al.
U.S.S.N. 09/454,316
Page 3

46. (New) The catalyst according to claim 45, wherein the content of said alkali compound, based on the weight of said porous carrier, is in the range of 4 to 10 weight %.

47. (New) The catalyst according to claim 41, wherein said alkali or alkaline earth metal compounds are the hydroxides, acetates, nitrates and bicarbonates of potassium, sodium, cesium, magnesium, and barium.

48. (New) The catalyst according to claim 47, wherein said alkali or alkaline earth metal compounds are hydroxide, acetate, nitrate and bicarbonate of potassium.

49. (New) The catalyst according to claim 41, wherein said porous carrier is selected from the group consisting of alumina, silica gel, silica, active carbon, silicon carbide, diatomaceous earth, pumice and a mixture thereof.